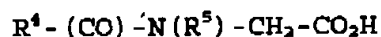


Claims

1. A formulation comprising:

5 a) an acyl amino acid derivative of the formula (III):



(III)

10

in which

$R^4$  is  $C_8 - C_{30}$  optionally substituted alkyl

and  $R^5$  is hydrogen or methyl, and

15

b) a  $N,N'$ -disubstituted aminomethyl triazole derivatives  
of the formula (IV):



20

(IV)

in which

$T^2$  is an optionally substituted 1,2,3-benzotriazole group,  
25 or an optionally substituted 1,2,4-triazole group, and

$R^6$  is a hydroxyalkyl group

2. A formulation according to Claim 1, wherein the  
30 formulation is soluble in organic hydrocarbons.

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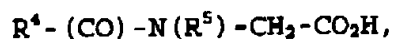
3. A formulation according to Claim 2, wherein the solubility at 25°C and 1 atmosphere pressure is at least 0.000001wt% in Naphthenic oil.
- 5 4. A formulation according to Claim 2, wherein the solubility at 25°C and 1 atmosphere pressure is at least 0.000001wt% in toluene.
- 10 5. A formulation according to Claim 1, wherein the formulation is soluble in water.
- 15 6. A formulation according to Claim 5, wherein the solubility at 25°C and 1 atmosphere pressure is at least 0.000001wt% in water.
- 20 7. A formulation according to Claim 1, wherein the formulation is soluble in both water and organic hydrocarbons.
- 25 8. A formulation according to Claim 1, wherein the mole ratio of the formula (III) compound to the formula (IV) compound is from 1 : 0.2 to 1 : 2.
9. A formulation according to Claim 1, which comprises further additives.
10. A composition comprising:
- 30 a) a formulation according to <sup>Claim 1</sup> ~~any one of the preceding~~  
~~claims~~  
and  
b) a diluent.

31

11. A composition according to Claim 9, wherein the diluent is water, organic hydrocarbon, or a mixture thereof.
- 5 12. A composition according to Claim 11, wherein the organic hydrocarbon comprises natural or synthetic aliphatic or aromatic compounds of carbon and hydrogen, optionally containing unsaturated linkages, ester groups or hetero atoms.
- 10 13. A composition according to Claim 11, wherein the organic hydrocarbon is selected from the group comprising:
- 15 octane, kerosine, white spirit, petroleum-based hydrocarbons such as naphthenic oils or paraffinic oils, vegetable oils, synthetic carboxylic acid ester, phosphate esters, poly  $\alpha$  olefins, poly isobutylenes, alkylated aromatic hydrocarbons, ethylene glycol,
- 20 propylene glycol, polyalkylene glycols, glycol ethers.
14. A composition according to Claim 11, wherein water is selected from the group comprising:
- 25 distilled water, de-ionised water, natural water and synthetic hard water.
15. A composition according to Claim 10, in contact with a ferrous metal surface, a non-ferrous metal surface or
- 30 a combination thereof.
16. A kit comprising

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(a) an acyl amino acid derivative of formula (III):

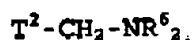


5

(III)

and,

(b) a N-N'-disubstituted aminomethyl triazole  
10 derivative of formula (IV):



(IV)

15

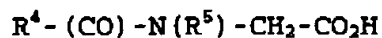
17. A kit according to Claim 16, further comprising a  
solvent comprising water and/or organic hydrocarbon or  
a mixture thereof.

20 18. A kit according to Claim 16 comprising quantities of  
(a) and (b) in such a ratio that, when mixed together,  
the resulting formulation is soluble in water, organic  
hydrocarbon or a mixture thereof.

25 19. A method of producing a formulation comprising  
contacting:

(a) an acyl amino acid derivative of formula (III):

30



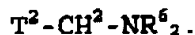
(III)

33

and,

(b) a N,N'-disubstituted aminomethyltriazol  
derivative of formula (IV):

5



(IV)

- 10 20. A method according to Claim 19, wherein (a) and (b)  
are contacted in such a ratio that the resulting  
mixture is soluble in water.
21. A method according to Claim 19, wherein (a) and (b)  
15 are contacted in such a ratio that the resulting  
mixture is soluble in organic hydrocarbon.
22. A method according to Claim 19, wherein (a) and (b)  
are contacted by mixing with stirring at an elevated  
20 temperature.
23. A method according to Claim 19, further comprising  
addition of a diluent.
- 25 24. A method according to Claim 23, wherein the diluent is  
added before stirring at an elevated temperature.
25. A method according to Claim 23, wherein the diluent is  
added during stirring at an elevated temperature.
- 30 26. A method according to Claim 23, wherein the diluent is  
added after stirring at an elevated temperature.

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27. Use of a formulation according to <sup>Claim 1</sup> ~~any one of the~~  
~~preceding claims~~, as a corrosion inhibitor, as a rust  
inhibitor, as a metal passivator, as a metal  
deactivator, as an emulsifier, as a surfactant or as a  
5 multi purpose additive for a combination of the  
aforementioned purposes.

28. Use of a formulation according to Claim 27, wherein a  
concentration of between 0.000001wt% and 5wt% of the  
10 formulation are used.

29. A method in inhibiting corrosion of a metal comprising  
contacting a formulation according to <sup>Claim 1</sup> ~~any one of~~  
~~claims 1-9~~ and a fluid, which fluid contacts a metal  
15 susceptible to corrosion.